



SERGEI SERGEEVICH KIPARISOV

On May 23, 1992 at age 68, after a severe long illness, the well-known scholar in the area of powder metallurgy, Doctor of Technical Sciences, Professor, winner of the State award (1971) and the award of the Soviet Ministries of the USSR (1984), Rector and Director of the Faculty of Chemistry and Technology of Composite and Powder Materials of the M. V. Lomonosov Institute of Fine Chemical Technology, honored scientist and engineer of the Russian Federation, Sergei Sergeevich Kiparisov passed away.

In the passing away of S. S. Kiparisov, the science and higher education in Russia lost a talented scholar, teacher, and organizer whose adherence to principles, honesty, conscientiousness, purposefulness, exactitude and, at the same time, the kindheartedness and good nature won the respect of all those who knew him.

S. S. Kiparisov was born on December 14, 1924 in the city of Saratov in a family of office workers. In 1942, he completed middle school with distinction and was drafted into the Soviet Army. After completing specialized tank training in 1943, he was directed to active army duty. He participated in wars and received concussions from shells.

After demobilization in 1946, S. S. Kiparisov entered M. I. Kalinin Moscow Institute of Nonferrous Metals and Gold and completed it with distinction in 1951 in the Faculty of Rare Metals and Powder Metallurgy. In 1956, he successfully defended Candidate's dissertation on the topic "Preparation conditions and properties of ultrahard alloys in the ternary B-Si-C system," and he defended the Doctoral dissertation in 1968 on the "Technology and properties of special-property materials produced by powder-metallurgical methods." In 1966, Sergei Sergeevich was selected as the Dean of the Faculty of Nonferrous and Rare Metals and Alloys of the Moscow Institute of Steel and Alloys and, in 1971, he headed the Faculty of Rare Metals and Powder Metallurgy, which was incorporated into this institute in 1962.

From 1976, the scientific activity of Sergei Sergeevich was tied to M. V. Lomonosov Moscow Institute of Fine Chemical Technology, of which he became the Rector until 1989. In this institute, this scholar founded the Faculty of Chemistry and Technology of Composite and Powder Materials and directed it until the last days of his life.

The scientific activity of S. S. Kiparisov was, above all, related to the development of scientific and technological foundations of powder metallurgy. The results obtained in this direction were published in the book "Principles of Powder Metallurgy," in 1978. Other important directions were the creation of new materials with special and enhanced properties, particularly the preparation of dispersion-hardened alloys. The cycle of studies on this topic was covered in the books "Nitriding of Refractory Metals" (1972), "Internal Oxidation and Nitriding of Alloys" (1979), and numerous publications in journals. In latter years, he successfully developed one more scientific direction related to application of the theory of plasticity to investigation and analysis of the rules of formation and sintering of powder materials, which enabled him to develop a number of new and perfected processes. The results

of investigations performed under the guidance of Sergei Sergeevich are reflected in more than 350 publications, among which there are eight books and nearly 100 patents.

S. S. Kiparisov received wide recognition and acknowledgment in the whole world. For many years, he was a member of the International Institute of the Science of Sintering and a member of the board of editors of the international scientific journal "Powder Metallurgy," and was a member of the organizing committee of international symposia, workshops, and conferences.

S. S. Kiparisov made an inestimable contribution to the education of engineering and scientific candidates, participated in the preparation of numerous students and equipment of powder metallurgy. Many of his students, among whom there were six doctorates and more than 100 candidates of sciences school head scientific and industrial bodies in various industrial fields.

S. S. Kiparisov was a talented organizer of science and the system of higher education. The scientific directions and school created by him are successfully functioning at the Moscow Institute of Steel and Alloys and other scientific institutions. He directed the work of a number of committees, coordinating councils, sections, and programs on powder metallurgy. During Rectorship, he worked hard for strengthening the materials technology base of the institute as well as perfecting the scientific and scholarly activities. Due to his energy and perseverance, a new scientific-study group of the institute and student society were established, a number of bases of the academic and various branches of scientific research institutes were created, and the training of specialists of higher qualifications was extended through master's degree.

For his scientific and teaching activity, and participation in World War II, S. S. Kiparisov was awarded the Earned Red Sign two times as well as five medals.

The glorious memory of Sergei Sergeevich Kiparisov, who was a scholar, teacher, and a gentleman, will always remain in the hearts of his students and colleagues.

Faculty of Rare Metals and Powder Metallurgy of
Moscow Institute of Steel and Alloys,
Faculty of Chemistry and the Technology of
Composites and Powder Materials of
Moscow Institute of Fine Chemical Technology,
and Board of Editors of the Journal
"Poroshkovaya Metallurgiya"